FENWICK & WEST LLP

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FACSIMILE TRANSMISSION

CONFIDENTIAL

DATE: March 19, 2004

CLIENT-MATTER NO.: 23976-08191/US

TO:

NAME	FAX NO.	PHONE NO.
Elizabeth Keaney Group Art No. 2882 U.S. Patent and Trademark Office	(703) 872-9306	

FROM: Robert A. Hulse   PHONE: (415) 875-2444

SENT BY: Cheryl Leger   PHONE: (415) 875-2495

RE: In re: U.S. Patent Appl. No. 10/080,057

NUMBER OF PAGES WITH COVER PAGE: 6	ORIGINAL WILL NOT FOLLOW

MESSAGE:

Please see attached Transmittal, Fee Transmittal and Notification Regarding Payment of Fees As A Small Entity and Deficiency Payment (37 C.F.R. § 1.28(c)).

23976/08191/SF/5117373.1

0001/PTO Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	Application Number	10/080,057
		Filing Date	February 20, 2002
TRANSMITTAL FORM		First Named Inventor	Chul Ha Chang
(to be used for all correspondence during pendency of filed application)		Group Art Unit Number	2882
		Examiner Name	Elizabeth Keaney
Total Number of Pages in This Submission	6	Attorney Docket Number	23976-08191

ENCLOSURES *(check all that apply)*

☒ Fee Transmittal Form (in duplicate)
    ☐ Check Enclosed
☐ Return Receipt Postcard
☐ Response to Notice to File Missing Parts
☐ Assignment & Recordation Cover Sheet
☐ Declaration
☐ Power of Attorney
☐ Application Data Sheet
☐ Information Disclosure Statement & PTO/SB/08A
    ☐ Copies of IDS Cited References
☐ Request for Corrected Filing Receipt

☐ Request for Correction of Recorded Assignment
☐ Amendment/Response: [ ] Page(s)
    ☐ After Final
☐ Status Request
☐ Revocation and Substitute Power of Attorney

☐ Issue Fee Transmittal
☐ Letter to Chief Draftsperson
☐ Formal Drawing(s):
    [ ] Sheet(s) of Figure(s) [ ]
☐ Appeal Communication to Board of Appeals and Interferences
☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)
☐ Certified Copy of Priority Document(s)
☐ After Allowance Communication to Group
☒ Notification Regarding Payment of Fees As A small Entity and Deficiency Payment (37 C.F.R. § 1.28(c)
☒ Fax Cover Sheet
☐ _____
☐ _____
☐ _____
☐ _____
☐ _____

REMARKS:

SIGNATURE OF ATTORNEY OR AGENT
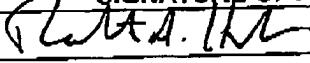
Signature:			
Attorney/Reg. No.:	Robert A. Hulse, Reg. No. 48,473	Dated:	March 19, 2004

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence, including the enclosures identified above, is being transmitted on the date shown below via facsimile to: Commissioner for Patents at the facsimile number indicated below.

Signature:			
Typed or Printed Name:	Robert A. Hulse	Dated:	March 19, 2004
Facsimile Number:	1-703-872-9306		

23976/08191/SF/5117369.1

FEE TRANSMITTAL
for FY 2004

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	**($) 475.00**

Complete if Known

Application Number	10/080.057
Filing Date	February 20, 2002
First Named Inventor	Chul Ha Chang
Examiner Name	Elizabeth Keaney
Art Unit	2882
Attorney Docket No.	23976-08191

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:

Deposit Account Number: 19-2555

Deposit Account Name: Fenwick & West LLP

The Commissioner is authorized to: *(check all that apply)*
☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims		Fee from below		Fee Paid
Total Claims		-20** =		x	=
Independent Claims		-3** =		x	=
Multiple Dependent					

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) ($) 0.00

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	475.00

Other fee (specify) Notification Regarding Payment of Fees as A Small Entity and by Payment (37 C.F.R. § 1.28(c) (Extension for Reply Within Fourth Month)

SUBTOTAL (3) ($) 475.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Robert A. Hulse	Registration No. (Attorney/Agent)	48,473	Telephone (415) 875-2444
Signature			Date	March 19, 2004

1/SF/5117372.1
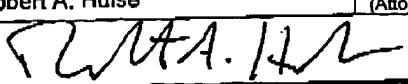
IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANTS: Chul Ha Chang

APPLICATION NO.:   10/080,057

FILING DATE: February 20, 2002

TITLE: PATTERNED SEED LAYER SUITABLE FOR ELECTRON-EMITTING DEVICE,
                    AND ASSOCIATED FABRICATION METHOD

EXAMINER: Elizabeth Keaney

GROUP ART UNIT: 2882

ATTY. DKT. NO.:   23976-08191

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence, including the enclosures identified above, is being transmitted on the date shown below via facsimile to: Commissioner for Patents at the facsimile number (703) 872-9306,
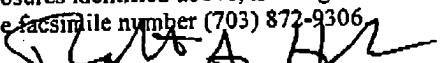
Dated: March 19, 2004   By: _____
                               Robert A. Hulse, Reg. No. 48,473

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

NOTIFICATION REGARDING PAYMENT OF FEES AS A
SMALL ENTITY AND DEFICIENCY PAYMENT (37 C.F.R. § 1.28(c))

On February 6, 2004, Applicant claimed small entity status in this application. The

following fees were paid as a small entity:

Fee Paid as Small Entity	Date	Amount
Extension for Reply within Fourth Month	February 6, 2004	$475.00

23976/08191/SF/5117366.1

Although Applicant believed in good faith that it was entitled to small entity status, it has discovered that it may not be entitled to small entity status for this application. Accordingly, payment is attached for the sum of $475.00 for the deficiency between the amount of fee(s) paid and the amount that would be due without small entity status. Attached is a check, which covers this amount. Charge any additional fees required by this paper or credit any overpayment in the manner authorized above to Deposit Account No. 19-2555.

Status as a small entity is hereby withdrawn.

Respectfully submitted,

CHUL HA CHANG ET AL.

Dated: __March 19, 2004__   By: _____
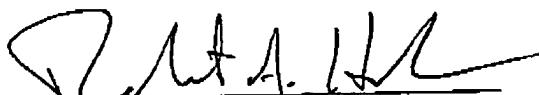
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Fax: (415) 281-1350

23976/08191/SF/5117366.1

- 2 -